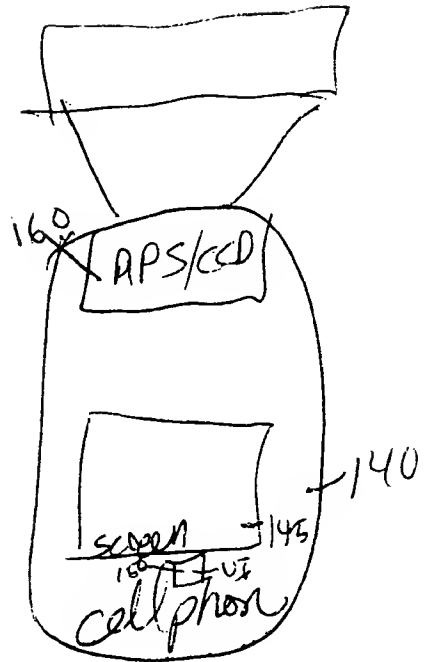


Fig 1A



1B

Basic idea

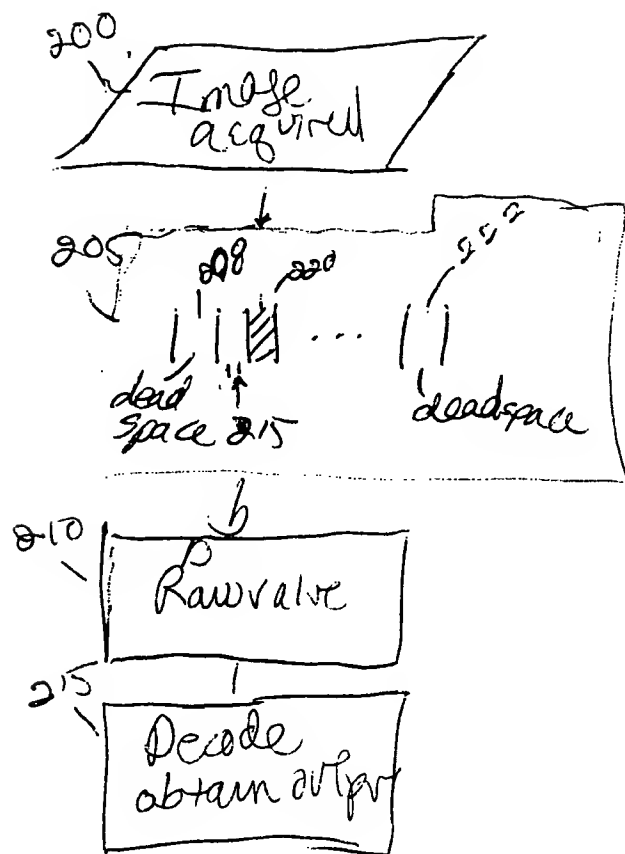
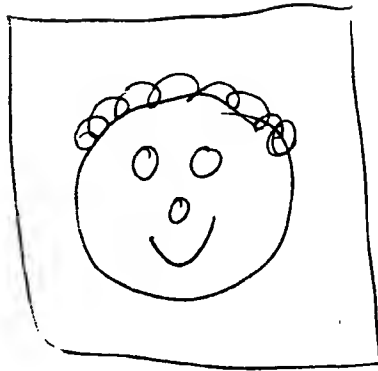


FIG 2

FIG 3



64x64
8 bit/pixel
3 ~~pixels~~ colors
~ 100K bytes

Bitmap

↓ JPEG

300 K bytes

or encrypt
Private key
or hash
cvt 160K into base 41

decrypt
Public key

cvt base 41 → key code

320
9 0-9
37 A-Z
5 15
41

Base 41

310 → [] 315
barcode

encrypt (Private key)

entry ↓ 320

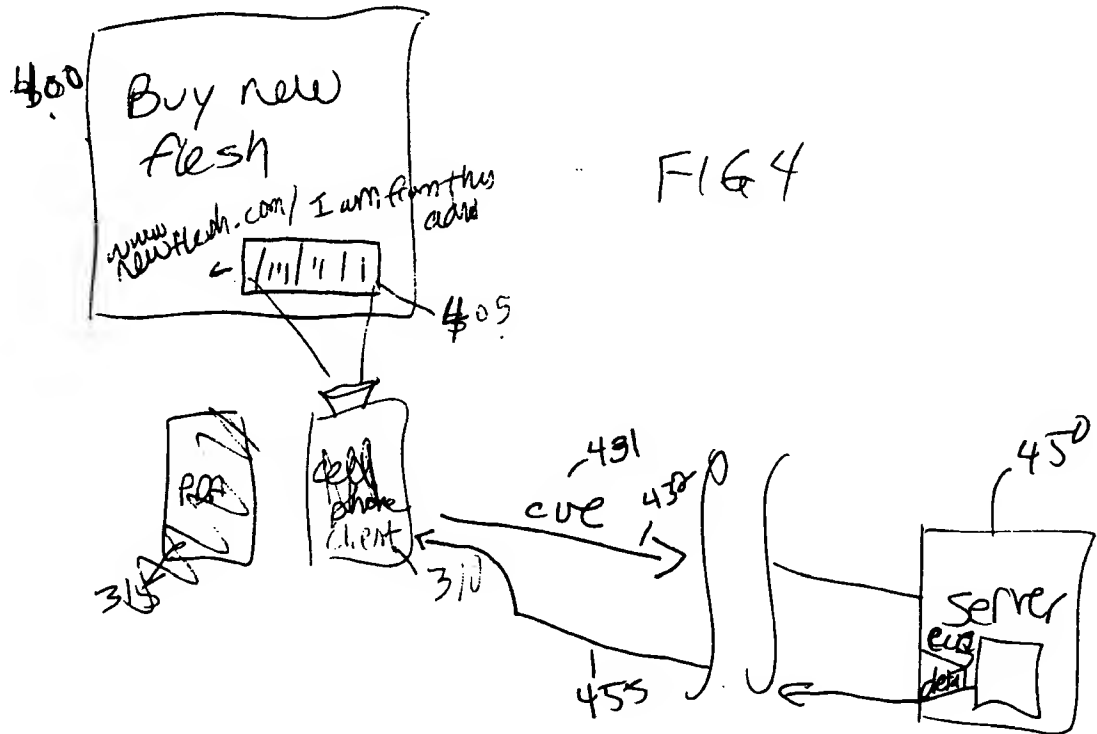
335 330 325
[] ← read out
[] DC/Credit card

to avoid the
"I look so stupid"

Problem w/
Smart cards
expensive

$$141^6 41^5 41^4 41^3 41^2 41 = 41^9 \cdot 41 = 41^{10} \text{ bytes} \quad 3.27 \times 10^{14} \approx \frac{3}{8} \times 10^{14} \text{ bytes}$$

~~Printed~~
~~Scanned~~



newflesh.com

From: S@com0.com
To: X@com0.com

Subject: Bar code meeting

Bar code meeting, tomorrow at 5



FIG 5

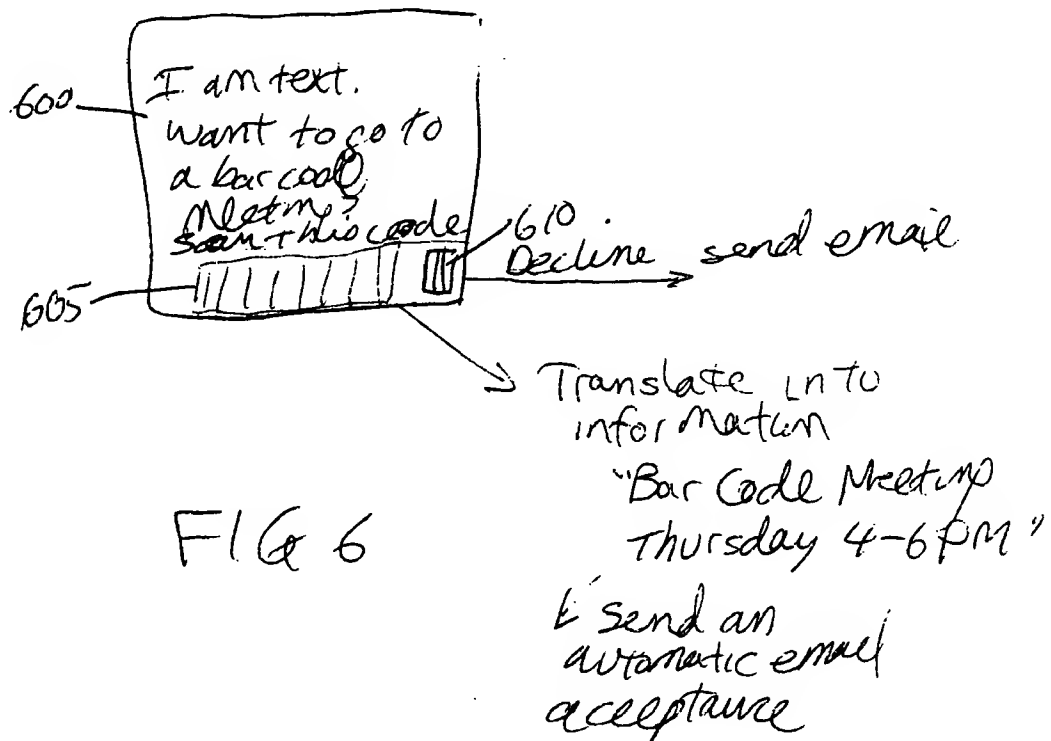


FIG 6

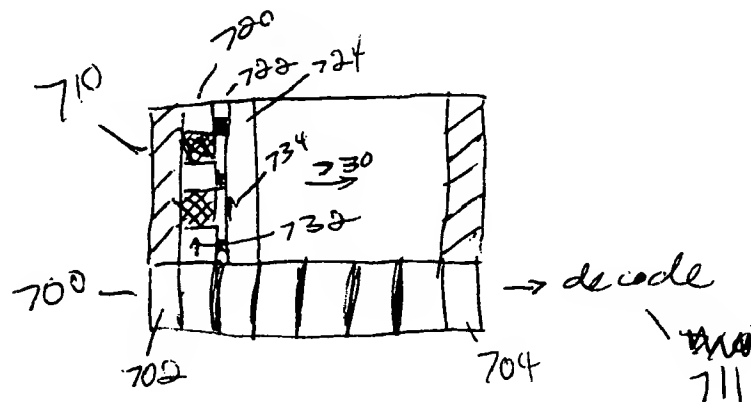


FIG 7A

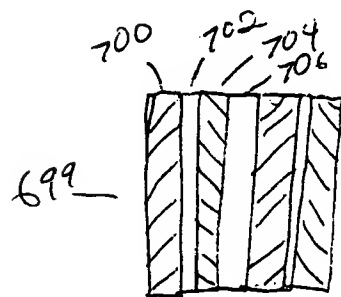


FIG 7B

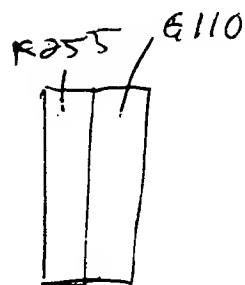


FIG 7C